

ABSTRACT

Disclosed herein is an amusement system that can be used and enjoyed by different persons without using the brain continuously and with little feeling of fatigue and which permits setting a probe at any spot on the head of the subject.

The amusement system comprises irradiators for irradiating the subject with light, light detectors for detection of the light that has been emitted from said irradiator and which has propagated through the living body, signal processors for processing the signal of light intensity detected by said detector and display units that show the processing results from the signal processor, wherein arrangements are so made as to set the range of displaying on the screen of said display unit a change in intensity of said transmitted light according to the results of a test task carried out on said living body.